

## INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IB 03842

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04K1/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category | Citation of document, with indication, where appropriate, of the relevant passages  | Relevant to claim No. |
|----------|---|-----------------------|
| X        | PATENT ABSTRACTS OF JAPAN<br>vol. 018, no. 146 (P-1707),<br>10 March 1994 (1994-03-10)<br>-& JP 05 323267 A (TOSHIBA CORP),<br>7 December 1993 (1993-12-07)<br>abstract<br>figures 1-8<br>--- | 6                     |
| Y<br>A   | FR 2 806 230 A (FRANCE TELECOM)<br>14 September 2001 (2001-09-14)<br>page 1, line 30 -page 2, last line<br>page 4, line 14 -page 6, last line;<br>figures 1,2<br>---                          | 9,10<br>1,5,8         |
| X<br>A   | FR 2 806 230 A (FRANCE TELECOM)<br>14 September 2001 (2001-09-14)<br>page 1, line 30 -page 2, last line<br>page 4, line 14 -page 6, last line;<br>figures 1,2<br>---                          | 6<br>1,5,8            |
|          |   | -/-                   |

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

## \* Special categories of cited documents :

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Date of the actual completion of the international search

4 December 2003

Date of mailing of the international search report

12/12/2003

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Rec'd PCT/PTO 04 MAR 2005

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International Application No.  
PCT/IB 03/03842

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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| X        | WO 02 23794 A (GLUECKSTAD JESPER ;MOGENSEN PAUL CHRISTIAN (DK); FORSKNINGSCT RISO)<br>21 March 2002 (2002-03-21)<br>abstract<br>page 11, line 21 -page 15, line 35;<br>figures 2,4<br>---                | 6                     |
| P,X      | WO 03 067797 A (KEVENAAR THOMAS A M ;TUYLS PIM T (NL); JOHNSON MARK T (NL); KONINK)<br>14 August 2003 (2003-08-14)<br>cited in the application<br>page 6, line 20 -page 15, line 14; figures 1-7C<br>--- | 6,8-10                |
| Y        | CA 2 214 190 A (BLOM MICHAEL ERNEST)<br>15 April 1999 (1999-04-15)<br>page 3, line 7 - line 13<br>page 3, line 20 - line 24<br>page 4, line 1 -page 5, line 14<br>---                                    | 9,10                  |
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International application No  
PCT/IB 03842

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